

CLAIMS

1. A treated pigment
which is producible by the treatment with a
5 carbodiimide-based compound having at least one side chain
selected from the group consisting of polyester side chains,
polyether side chains and polyacrylic side chains and at
least one basic nitrogen-containing group within the
molecule.
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2. The treated pigment according to Claim 1,
wherein said carbodiimide-based compound contains
0.02 to 4 mmol of a basic nitrogen-containing group per 1 g
of said compound.
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3. The treated pigment according to Claim 1 or 2,
wherein said pigment has an adsorption part with a
basic nitrogen-containing group.
- 20 4. The treated pigment according to any one of Claims
1 to 3,
wherein said pigment has a functional group reactive
with a carbodiimide group, and
said carbodiimide-based compound further contains at
25 least one carbodiimide group within the molecule.
5. The treated pigment according to Claim 4,
wherein said pigment having a functional group
reactive with a carbodiimide group is an organic pigment or
30 carbon black having a functional group reactive with a
carbodiimide group,
said functional group reactive with a carbodiimide
group having at least one functional group selected from
the group consisting of a carboxyl group, sulfonic acid
35 group, hydroxyl group and amino group.

6. The treated pigment according to any one of Claims
1 to 5,

wherein said carbodiimide-based compound has a basic
5 nitrogen-containing group in the main chain.

7. The treated pigment according to any one of Claims
1 to 6,

wherein said basic nitrogen-containing group is a
10 tertiary amino group or a nitrogen-containing heterocyclic
group.

8. A pigment dispersion composition
which comprises the treated pigment according to any
15 one of Claims 1 to 7 and a dispersion medium.

9. A compound for pigment treatment
which is a carbodiimide-based compound having at
least one side chain selected from the group consisting of
20 polyester chains, polyether chains and polyacrylic chains,
and at least one basic nitrogen-containing group within the
molecule.

10. The compound for pigment treatment according to
25 Claim 9,

which is a carbodiimide-based compound further
comprising at least one carbodiimide group within the
molecule.

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